

AMENDMENTS TO THE ABSTRACT:

Please delete the original Abstract of the Disclosure and substitute therefore the following Abstract of the Disclosure.

A decomposition apparatus is provided that includes an excimer lamp emitting UV light for decomposing an organic compound and a decomposition container provided with the excimer lamp for decomposing the organic compound in a liquid or a gas. In the decomposition apparatus, since the UV light irradiated from the excimer lamp is emitted to the liquid or the gas, the organic compound in the liquid or the gas can be decomposed easily by the simple decomposition apparatus and method. The decomposition apparatus and method are effective to decompose the organic compound, such as dioxin (polychlorinated dibenzo-para-dioxin), PCB (polychlorinated biphenyl), trichloroethylene or the like, polluting the air or water to purify the environment.